

Kindly enter the following amendments:

IN THE SPECIFICATION

Page 1, line 3, please delete "Description:" and insert

--Title--.

Page 1, line 5, please insert

--Background of the Invention

1. Technical Field--.

Please modify the paragraph beginning on line 6 of page 1 and the sentence on line 15 as follows:

The invention concerns a wide-mesh textile grating for reinforcement purposes in civil engineering, in particular for reinforcing ground layers[, comprising weft thread groups and warp thread groups which are preferably connected together by weaving or knitting and which are each at a spacing of at least 8 mm with respect to the respectively adjacent parallel thread group and the individual threads of which are formed by high-strength yarns, wherein the warp thread groups and the weft thread groups of the textile grating are covered by a polymer coating.] and [The invention also concerns] a method of producing such a grating.

Page 1, after line 15, please insert

--2. Description of Related Art--.

Please amend the paragraph beginning on line 26 on page 2 as follows:

[The object of the invention is] It is desirable to provide a textile grating and a method of production thereof, which substantially eliminates the disadvantages described hereinbefore.

Page 2, after line 28, please insert the following:

--Summary of the Invention

The present invention provides a wide-mesh textile grating for reinforcement purposes in civil engineering, in particular for reinforcing ground layers. The textile grating comprises weft thread groups and warp thread groups which are connected together, preferably by weaving or knitting, and which are each at a spacing of at least 8 mm relative to the respectively adjacent parallel thread group, and the individual threads of which are formed by high-strength yarns. The warp thread groups and weft thread groups of the textile grating are covered by a polymer coating, characterized in that the polymer coating contains regularly distributed gas inclusions so that the polymer coating is of a foam-like structure. The individual threads of the warp thread group and the weft thread group may comprise multifilament yarns which are impregnated by the foam-like polymer coating. The polymer coating may comprise PVC. The gas inclusions may be
may be a diameter of less than 1 mm, preferably less than 0.3 mm.

The method of producing the present textile grating includes connecting high-strength warp threads and weft threads together, in particular, by a weaving or knitting procedure, in such a way that they are respectively combined together to form warp thread groups and weft thread groups which are each at a spacing of at least 8 mm with respect to the respectively adjacent parallel thread groups. The thread groups are then wetted with a mater which is capable of flow and which contains a polymer-forming substance and are covered with a coating by virtue of setting of the polymer, characterized in that added to the material which is capable of flow is a propellant which produces gas inclusions during setting of the polymer. The pasty mixture may comprise PVC mixed with a plasticiser and that the method may include heating the textile grating to a high temperature, preferably about 200°C, for gelling the polymer coating of PVC. The material which is capable of flow may be formed by a polymer dispersion, for example a latex, polyacrylic or polyurethane dispersion, and heating the textile grating to a high temperature above 100°C for evaporation of the water contained in the dispersion and for polymerization. The method may use a propellant which liberates gas bubbles at a high temperature of over 100°C.

Please delete the paragraph beginning on line 29 on page 2.

Please amend the paragraph beginning on line 22 on page 4 as follows:

[The object of the invention is attained by adding] It is possible to add to the material which is capable of flow a propellant which produces gas inclusions during setting of the polymer.